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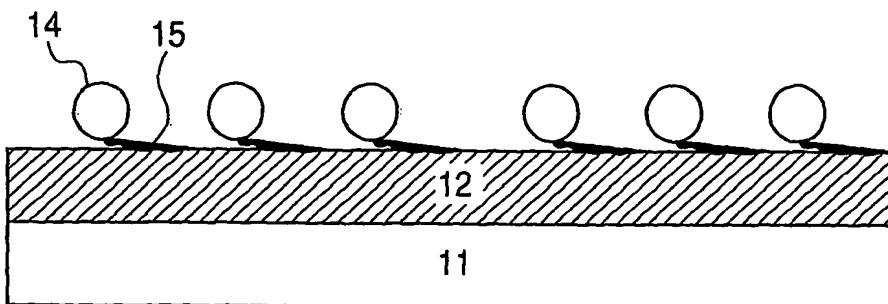
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(54) Title: KIT FOR IMMOBILIZING ORGANIC SUBSTANCE, ORGANIC SUBSTANCE-IMMOBILIZED STRUCTURE, AND MANUFACTURING METHODS THEREFOR



(57) Abstract: To provide an organic substance-immobilized structure employing a novel immobilizing technique and a manufacturing method thereof using the novel immobilizing technique, where, when an organic substance, particularly a biological substance is immobilized on the surface of a substrate, the organic substance, particularly the biological substance can be stably immobilized on the surface of the substrate through orientation of the organic substance, particularly the biological substance suitable for exerting physiological functions thereof. At least part of the substrate's surface is constructed of one or more substrates containing aluminum oxide. The immobilization of the organic substance to the surface of the substrate is carried out by binding at least part of the binding domain to the surface of the substrate through a binding domain containing a peptide having an affinity to aluminum oxide and composed of at least one or more amino acids, which is coupled with the organic substance.

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